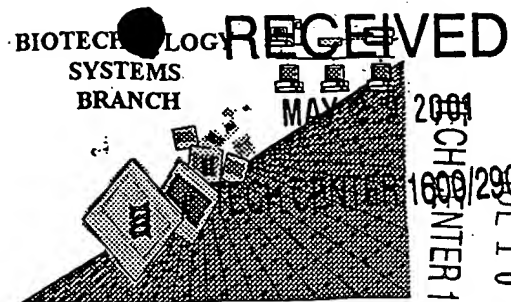




RAW SEQUENCE LISTING
ERROR REPORT



RECEIVED
JUL 10 2001

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/746,321A
Source: 1600
Date Processed by STIC: 5/10/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

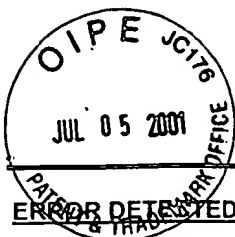
Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>



Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/746,371A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2 Wrapped Aminos The amino acid number/text at the end of each line "wrapped " down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3 Incorrect Line Length The rules require that a line not exceed 72 characters in length. This includes spaces.
- 4 Misaligned Amino Acid The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs
Numbering between the numbering. It is recommended to delete any tabs and use spacing between the numbers.
- 5 Non-ASCII This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6 Variable Length Sequence(s) contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and
indicate in the (ix) feature section that some may be missing.
- 7 PatentIn ver. 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
sequence(s) . Normally, PatentIn would automatically generate this section from the
previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section
to the subsequent amino acid sequence. This applies primarily to the mandatory <220>-<223>
sections for Artificial or Unknown sequences.
- 8 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence:
(OLD RULES) (2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xii) SEQUENCE DESCRIPTION:SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9 Skipped Sequences Sequence(s) missing. If intentional, please use the following format for each skipped sequence.
(NEW RULES) <210> sequence id number
 <400> sequence id number
 000
- 10 Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
(NEW RULES) Use of <220> to <223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11 Use of "Artificial" Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules.
(NEW RULES) Valid response is Artificial Sequence.
- 12 Use of <220>Feature Sequence(s) are missing the <220>Feature and associated headings.
(NEW RULES) Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial Sequence" or "Unknown"
 Please explain source of genetic material in <220> to <223> section.
 (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)
- 13 PatentIn ver. 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted
file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).
Instead, please use "File Manager" or any other means to copy file to floppy disk.



SEQUENCE LISTING
PATENT APPLICATION: US/09/746,371A

DATE: 05/10/2001
TIME: 12:21:36

Input Set : A:\BERL025.txt
Output Set: N:\CRF3\05102001\I746371A.raw

pg 1-5
Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Urry, Dan
5 <120> TITLE OF INVENTION: Acoustic Absorption Polymers and Their Methods of Use
7 <130> FILE REFERENCE: BERL025/01US
9 <140> CURRENT APPLICATION NUMBER: 09/746371A
10 <141> CURRENT FILING DATE: 2000-12-20
12 <160> NUMBER OF SEQ ID NOS: 47
14 <170> SOFTWARE: PatentIn version 3.0
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 5
18 <212> TYPE: PRT
C--> 19 <213> ORGANISM: Artificial
21 <220> FEATURE:
22 <223> OTHER INFORMATION: This is a synthetic sequence.
24 <220> FEATURE:
25 <221> NAME/KEY: PEPTIDE
26 <222> LOCATION: (1)..(5)
28 <400> SEQUENCE: 1
30 Val Pro Gly Val Gly
31 1 5
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 4
35 <212> TYPE: PRT
C--> 36 <213> ORGANISM: Artificial
38 <220> FEATURE:
39 <223> OTHER INFORMATION: This is a synthetic sequence.
41 <220> FEATURE:
42 <221> NAME/KEY: PEPTIDE
43 <222> LOCATION: (1)..(4)
45 <400> SEQUENCE: 2
47 Val Pro Gly Gly
48 1
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 4
52 <212> TYPE: PRT
C--> 53 <213> ORGANISM: Artificial
55 <220> FEATURE:
56 <223> OTHER INFORMATION: This is a synthetic sequence.
58 <220> FEATURE:
59 <221> NAME/KEY: PEPTIDE
60 <222> LOCATION: (1)..(4)
62 <400> SEQUENCE: 3
64 Gly Gly Val Pro
65 1
67 <210> SEQ ID NO: 4
68 <211> LENGTH: 4
69 <212> TYPE: PRT
C--> 70 <213> ORGANISM: Artificial

(global error)
see item 11 on Error Summary Sheet

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/746,371A

DATE: 05/10/2001
TIME: 12:21:36

Input Set : A:\BERL025.txt
Output Set: N:\CRF3\05102001\I746371A.raw

72 <220> FEATURE:
73 <223> OTHER INFORMATION: This is a synthetic sequence.
75 <220> FEATURE:
76 <221> NAME/KEY: PEPTIDE
77 <222> LOCATION: (1)..(4)
79 <400> SEQUENCE: 4
81 Gly Gly Phe Pro
82 1
84 <210> SEQ ID NO: 5
85 <211> LENGTH: 4
86 <212> TYPE: PRT
C--> 87 <213> ORGANISM: Artificial
89 <220> FEATURE:
90 <223> OTHER INFORMATION: This is a synthetic sequence.
92 <220> FEATURE:
93 <221> NAME/KEY: PEPTIDE
94 <222> LOCATION: (1)..(4)
96 <400> SEQUENCE: 5
98 Gly Gly Ala Pro
99 1
101 <210> SEQ ID NO: 6
102 <211> LENGTH: 5
103 <212> TYPE: PRT
C--> 104 <213> ORGANISM: Artificial
106 <220> FEATURE:
107 <223> OTHER INFORMATION: This is a synthetic sequence.
109 <220> FEATURE:
110 <221> NAME/KEY: VARIANT
111 <222> LOCATION: (2)..(4)
112 <223> OTHER INFORMATION: Residue at position 2 is V, E, F, Y or K
113 Residue at position 4 is V, E, F or I
116 <400> SEQUENCE: 6
W/C--> 118 Gly Xaa Gly Xaa Pro
119 1 5
121 <210> SEQ ID NO: 7
122 <211> LENGTH: 6
123 <212> TYPE: PRT
C--> 124 <213> ORGANISM: Artificial
126 <220> FEATURE:
127 <223> OTHER INFORMATION: This is a synthetic sequence.
129 <220> FEATURE:
130 <221> NAME/KEY: PEPTIDE
131 <222> LOCATION: (1)..(6)
133 <400> SEQUENCE: 7
135 Ala Pro Gly Val Gly Val
136 1 5
138 <210> SEQ ID NO: 8
139 <211> LENGTH: 35
140 <212> TYPE: PRT

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/746,371A

DATE: 05/10/2001
TIME: 12:21:36

Input Set : A:\BERL025.txt
Output Set: N:\CRF3\05102001\I746371A.raw

C--> 141 <213> ORGANISM: Artificial
143 <220> FEATURE:
144 <223> OTHER INFORMATION: This is a synthetic sequence.
146 <220> FEATURE:
147 <221> NAME/KEY: PEPTIDE
148 <222> LOCATION: (1)..(35)
150 <400> SEQUENCE: 8
152 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly
153 1 5 10 15
155 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
156 20 25 30
158 Gly Val Pro
159 35
161 <210> SEQ ID NO: 9
162 <211> LENGTH: 35
163 <212> TYPE: PRT
C--> 164 <213> ORGANISM: Artificial
166 <220> FEATURE:
167 <223> OTHER INFORMATION: This is a synthetic sequence.
169 <220> FEATURE:
170 <221> NAME/KEY: PEPTIDE
171 <222> LOCATION: (1)..(35)
173 <400> SEQUENCE: 9
175 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly
176 1 5 10 15
178 Val Gly Val Pro Gly Val Gly Phe Pro Gly Val Gly Phe Pro Gly Val
179 20 25 30
181 Gly Val Pro
182 35
184 <210> SEQ ID NO: 10
185 <211> LENGTH: 35
186 <212> TYPE: PRT
C--> 187 <213> ORGANISM: Artificial
189 <220> FEATURE:
190 <223> OTHER INFORMATION: This is a synthetic sequence.
192 <220> FEATURE:
193 <221> NAME/KEY: PEPTIDE
194 <222> LOCATION: (1)..(35)
196 <400> SEQUENCE: 10
198 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly
199 1 5 10 15
201 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
202 20 25 30
204 Gly Val Pro
205 35
207 <210> SEQ ID NO: 11
208 <211> LENGTH: 35
209 <212> TYPE: PRT
C--> 210 <213> ORGANISM: Artificial

RAW SEQUENCE LISTING DATE: 05/10/2001
 PATENT APPLICATION: US/09/746,371A TIME: 12:21:36

Input Set : A:\BERL025.txt
 Output Set: N:\CRF3\05102001\I746371A.raw

```

212 <220> FEATURE:
213 <223> OTHER INFORMATION: This is a synthetic sequence.
215 <220> FEATURE:
216 <221> NAME/KEY: PEPTIDE
217 <222> LOCATION: (1)..(35)
219 <400> SEQUENCE: 11
221 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Glu Gly Phe Pro Gly
222 1           5           10          15
224 Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
225           20           25           30
227 Gly Val Pro
228           35
230 <210> SEQ ID NO: 12
231 <211> LENGTH: 35
232 <212> TYPE: PRT
C--> 233 <213> ORGANISM: Artificial
235 <220> FEATURE:
236 <223> OTHER INFORMATION: This is a synthetic sequence.
238 <220> FEATURE:
239 <221> NAME/KEY: PEPTIDE
240 <222> LOCATION: (1)..(35)
242 <400> SEQUENCE: 12
244 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Glu Gly Val Pro Gly
245 1           5           10          15
247 Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
248           20           25           30
250 Gly Val Pro
251           35
253 <210> SEQ ID NO: 13
254 <211> LENGTH: 65
255 <212> TYPE: PRT
C--> 256 <213> ORGANISM: Artificial
258 <220> FEATURE:
259 <223> OTHER INFORMATION: This is a synthetic sequence.
261 <220> FEATURE:
262 <221> NAME/KEY: PEPTIDE
263 <222> LOCATION: (1)..(65)
265 <400> SEQUENCE: 13
267 Gly Val Gly Ile Pro Gly Phe Gly Glu Pro Gly Glu Gly Phe Pro Gly
268 1           5           10          15
270 Val Gly Val Pro Gly Phe Gly Phe Pro Gly Phe Gly Ile Pro Gly Val
271           20           25           30
273 Gly Ile Pro Gly Phe Gly Glu Pro Gly Glu Gly Phe Pro Gly Val Gly
274           35           40          45
276 Val Pro Gly Phe Gly Phe Pro Gly Phe Gly Ile Pro Gly Val Gly Val
277           50           55           60
279 Pro
280 65
282 <210> SEQ ID NO: 14

```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/746,371A

DATE: 05/10/2001
TIME: 12:21:36

Input Set : A:\BERL025.txt
Output Set: N:\CRF3\05102001\I746371A.raw

```

283 <211> LENGTH: 35
284 <212> TYPE: PRT
C--> 285 <213> ORGANISM: Artificial
287 <220> FEATURE:
288 <223> OTHER INFORMATION: This is a synthetic sequence.
290 <220> FEATURE:
291 <221> NAME/KEY: PEPTIDE
292 <222> LOCATION: (1)..(35)
294 <400> SEQUENCE: 14
296 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Lys Gly Phe Pro Gly
297 1 5 10 15
299 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
300 20 25 30
302 Gly Val Pro
303 35
305 <210> SEQ ID NO: 15
306 <211> LENGTH: 35
307 <212> TYPE: PRT
C--> 308 <213> ORGANISM: Artificial
310 <220> FEATURE:
311 <223> OTHER INFORMATION: This is a synthetic sequence.
313 <220> FEATURE:
314 <221> NAME/KEY: PEPTIDE
315 <222> LOCATION: (1)..(35)
317 <400> SEQUENCE: 15
319 Gly Val Gly Val Pro Gly Val Gly Phe Pro Gly Lys Gly Phe Pro Gly
320 1 5 10 15
322 Val Gly Val Pro Gly Val Gly Phe Pro Gly Val Gly Phe Pro Gly Val
323 20 25 30
325 Gly Val Pro
326 35
328 <210> SEQ ID NO: 16
329 <211> LENGTH: 35
330 <212> TYPE: PRT
C--> 331 <213> ORGANISM: Artificial
333 <220> FEATURE:
334 <223> OTHER INFORMATION: This is a synthetic sequence.
336 <220> FEATURE:
337 <221> NAME/KEY: PEPTIDE
338 <222> LOCATION: (1)..(35)
340 <400> SEQUENCE: 16
342 Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Lys Gly Val Pro Gly
343 1 5 10 15
345 Val Gly Val Pro Gly Val Gly Phe Pro Gly Phe Gly Phe Pro Gly Val
346 20 25 30
348 Gly Val Pro
349 35
351 <210> SEQ ID NO: 17
352 <211> LENGTH: 35

```

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

Please Note:

Use f n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/746,371A

DATE: 05/10/2001
TIME: 12:21:37

Input Set : A:\BERL025.txt
Output Set: N:\CRF3\05102001\I746371A.raw

L:19 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1
L:36 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2
L:53 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:70 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4
L:87 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5
L:104 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6
L:118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:124 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7
L:141 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8
L:164 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9
L:187 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10
L:210 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:233 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12
L:256 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:285 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:308 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:331 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:16
L:354 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:17
L:377 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18
L:400 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19
L:423 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20
L:446 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:21
L:460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:466 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:22
L:483 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:23
L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:502 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24
L:517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:523 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25
L:543 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26
L:561 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27
L:579 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28
L:596 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29
L:619 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30
L:639 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31
L:659 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32
L:682 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33
L:702 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34
L:722 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:35
L:757 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36
L:794 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37
L:820 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38
L:848 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39
L:871 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40
L:894 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41
L:914 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42
L:936 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43
L:953 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44

VERIFICATION SUMMARY

DATE: 05/10/2001

PATENT APPLICATION: US/09/746,371A

TIME: 12:21:37

Input Set : A:\BERL025.txt

Output Set: N:\CRF3\05102001\I746371A.raw

L:972 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45
L:989 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46
L:1008 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47